

In Car Video | In-Dash Monitor/DVD/CD/MP3/Receiver

CHICAGO IVDM-7002



In-Dash Monitor.DVD.CD.MP3.Receiver

www.blaupunktusa.com

● BLAUPUNKT

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Precautions

Before attempting to connect, or operate this product, please read the manual completely.



TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK).

NO USER-SERVICEABLE PARTS ARE INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol indicates dangerous voltage inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

CAUTION: THIS UNIT HAS BEEN ADAPTED WITH AN INVISIBLE CLASS 1 LASER BEAM WHICH CAN CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE UNIT CORRECTLY AS INSTRUCTED.

Caution:

This product satisfies FCC regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances, such as radios and televisions, use shielded cables and connectors for connections.

FCC NOTE (for U.S.A):

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect this equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- This class B digital apparatus meets all requirements of the Canadian Interference - Causing Equipment Regulations.

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT

WARNING

To reduce the risk of fire or shock hazard, do not expose this DVD player to rain or moisture.

CAUTION

THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVER AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

Caution

Install the control unit away from moisture, heat sources, and places exposed to strong magnetic or electric fields. When condensation forms inside the player or on the surface of the disc due to sudden temperature changes from cold to hot, the player may not operate correctly. If this occurs, leave the player at room temperature for about 2 hours or until the player becomes operational.

Warning

Never disassemble the main unit in any way. Electric shock or exposure to an invisible laser beam may result. Do not look inside the DVD player.

Installation

Install the in-dash unit so that the driver cannot view video while the vehicle is in motion. The driver should park the vehicle in a safe area and apply the parking brake before viewing video on the monitor.

Batteries

The batteries used in the remote control contain the chemical that are harmful to the environment. Properly dispose of batteries.

Handling the Main Unit

For safety reasons,

- Do not use benzene or other solvents when cleaning.
- Wipe the main unit with a soft cloth.

Caution

When connecting the data cable to the back of the main unit, it **must** be connected as shown. Incorrect connection will cause permanent damage to the unit.



About This OWNER'S MANUAL

- This OWNER'S MANUAL describes basic operation for this unit.
- Subject to the type of DVD disc, some features may not be operated as described in this manual.
- Please read and follow instructions displayed on the monitor.

Region Number

Region Number	Region (Deleted as appropriate)
1.	North America such as U.S., Canada
2.	Japan, Europe (except Eastern Europe), Middle East, South Africa
3.	Korea and Southeast Asia
4.	Oceania such as Australia, New Zealand, Central and South America
5.	India, East Europe, Africa, Russia
6.	China
All	All countries

DVD players and DVD discs are marked for the Region number to be played in the relevant country as shown in the above table.

This device conforms to Region Code 1.

Playable Discs in this DVD player



DVD/CD-R/CD-RW/MP3

Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic", and the double-D symbol are trademarks of Dolby Laboratories.

This product incorporates copyright protection technology that is protected by method Claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be Authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.



Caution

Do not insert a 3.1" (80mm) disc. This unit is not designed for the use of a 3.1" (80mm) disc.



Caution

This unit employs a laser system. To ensure proper use of the unit, read this manual carefully and keep it for future reference. If the unit requires servicing, contact the retailer and/or Blaupunkt Service Center - see "Limited Warranty Information". To prevent direct exposure to the laser radiation, do not open the cabinet or back of the unit.

Accessories



Remote Control



Mounting Brackets



Mounting Strap



Power Connectors



Removal Keys



Trim Ring



Wiring Harness



Antenna Cable



Data Cable



Batteries

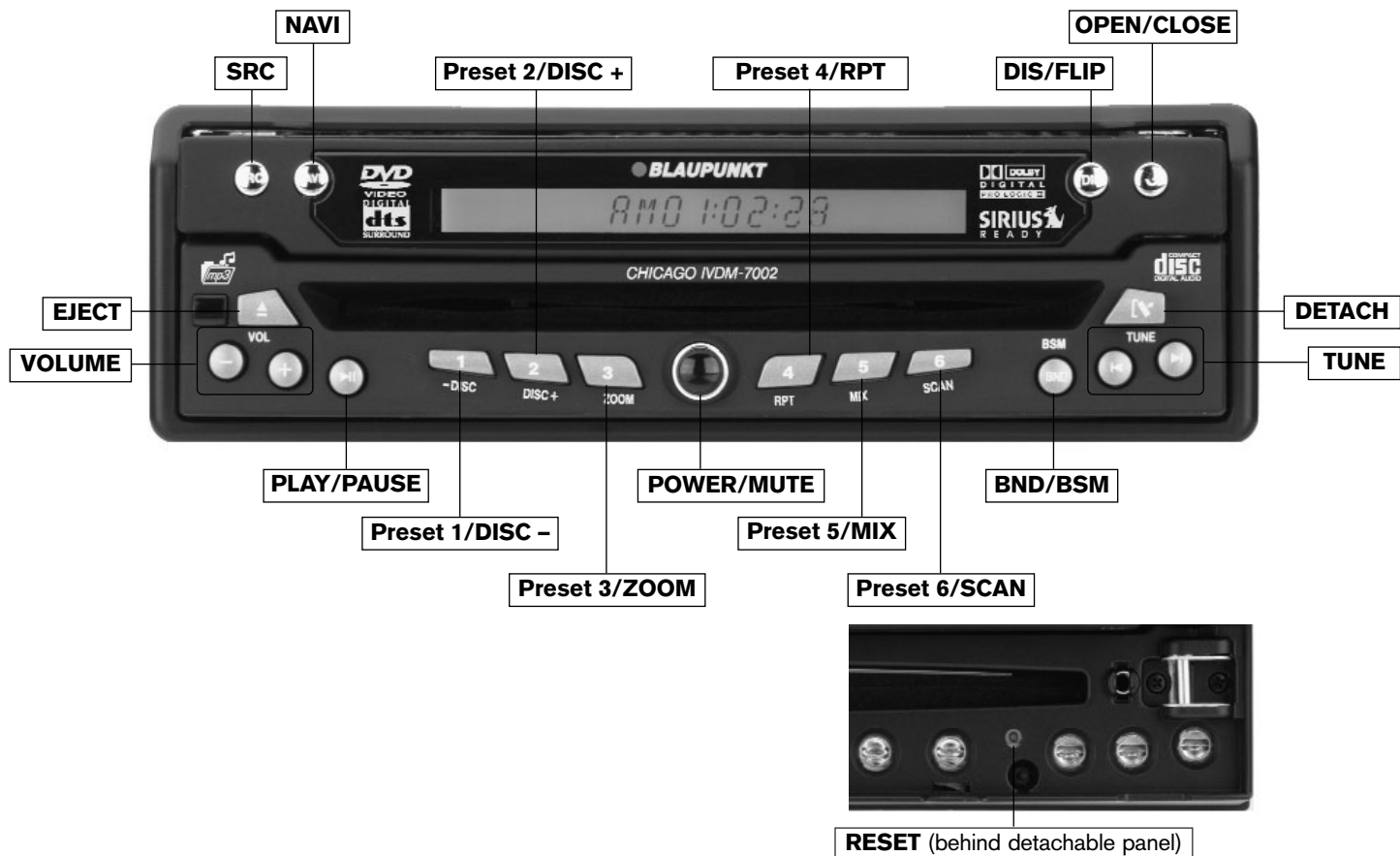


Hardware



Case for Detachable Panel

Main Unit Button Functions



Main Unit Button Functions

[SRC] button

- Press to cycle through all available sources.

[NAVI] button

- Press to select Navigation mode (if optional navigation unit is installed).

[DIS/FLIP] multi-function button

- Press DIS to change clock info, press and hold DIS to change display background color.
- Press FLIP (with monitor in open position) to adjust the monitor viewing angle.

[OPEN/CLOSE] button

- Press to close LCD monitor. Press again to open LCD monitor.

[DETACH] button

- Press to remove panel from the main unit.

[TUNE] buttons

- Press < or > to go forward or reverse. Used in Radio/CD/DVD modes.

[BND/BSM] button

- Press to select among three FM bands and one AM band. Hold down to automatically store radio presets.

[RESET] button (behind detachable panel)

- Press and hold to reset unit.

[Preset 1/DISC -] button

- Press and hold to store Radio preset.
- CD Changer Mode press to change Disc DOWN.
- MP3 Mode press to change Folder DOWN.

[Preset 2/DISC+] button

- Press and hold to store Radio preset.
- CD Changer Mode press to change Disc UP.
- MP3 Mode press to change Folder UP.

[Preset 3/ZOOM] button

- Press and hold to store Radio preset.
- DVD Mode press for "ZOOM" function.

[Preset 4/RPT] button

- Press and hold to store radio preset.
- CD/CD-C/MP3/DVD Mode press for "Repeat" function.

[Preset 5/MIX] button

- Press and hold to store Radio preset.
- CD/CD-C/MP3 Mode press for "MIX" function.

[Preset 6/SCAN] button

- Press and hold to store radio preset.
- CD/CD-C/MP3 Mode press for "Intro" function.

[POWER/MUTE] button

- Press and hold to turn main unit on and off.
- Press to mute audio. Press again to return to the original volume.

[PLAY/PAUSE] button

- Press to play CD/DVD. Press again to Pause.

[-/+] Volume buttons

- Press + for volume UP, press – for DOWN.

[EJECT] button

- Press to eject CD or DVD.

Remote Control Button Functions

Basic Operation

[POWER] button

- Power on and off

[MUTE] button

- Mute on and off

[SOUND/DSP] button

- Display audio control window

[DOWNMIX] button

- Audio downmix on and off

[NAVI] button

- Switches to navigation mode

[SRC] button

- Changing the source

[DISP/WALLPAPER] button

- OSD information on and off (DVD, Aux)
- Changes Wallpaper images (Radio, CD, CD-C, MP3)

[VOLUME] button

- Volume up and down

[TILT] button

- Monitor tilting

[REAR] button

- Selects rear camera

[LCD] button

- Changing the front "LCD" backlight color

[▲], [▼] buttons

- Scroll OSD menu

[◀], [▶] buttons

- Select item and adjust the value on OSD menu

[ENTER] button

- Enters the selected item

[SETUP] button

- Open or close setup menu on OSD

Radio mode

[BAND] button

- Changes the band

[0 ~ 6] buttons

- Recall preset or memorized station

[◀], [▶] buttons

- Seeks and stops at next strong station

[⏮], [⏭] buttons

- Tune up or down

(AM: 9KHz step, FM: 0.1MHz step)

DVD mode

[▶] button

- Switches between play and pause

[■] button

- Performs stop

[MENU] button

- Shows the menu display

[▲], [▼], [◀], [▶] buttons

- Scroll menu

[⏮], [⏭] buttons

- Move to next or previous chapter

[◀◀], [▶▶] buttons

- Press and hold to fast forward or fast backward

[AUDIO] button

- Switches languages for DVDs with multi-language audio settings

[SUBTITLE] button

- Switches subtitles

[ANGLE] button

- Switches the angle of the picture
(Activated only on multiple angles supporting DVDs)



[REPEAT] button

- Repeat chapter or title

[ZOOM] button

- Zoom in or zoom out

CD-A/CD-C/MP3 mode

[⏮] button

- Switches between play and pause

[0 ~ 9] buttons

- Press to enter track or file wish to play

[⏪], [⏩] buttons

- Move to next or previous disc, track or file

[⏴], [⏵] buttons

- Change discs in CD Changer/MP3 Folder up and down

[⏮], [⏭] buttons

- Press and hold to fast forward or fast backward

[REPEAT] button

- Repeat disc, track or file

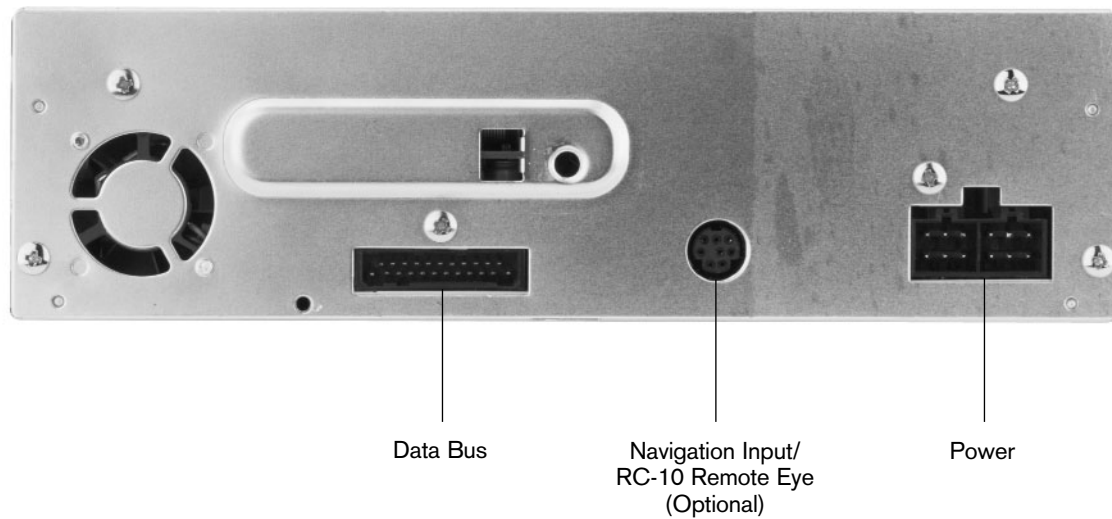
[MIX] button

- Play track or file in a random sequence

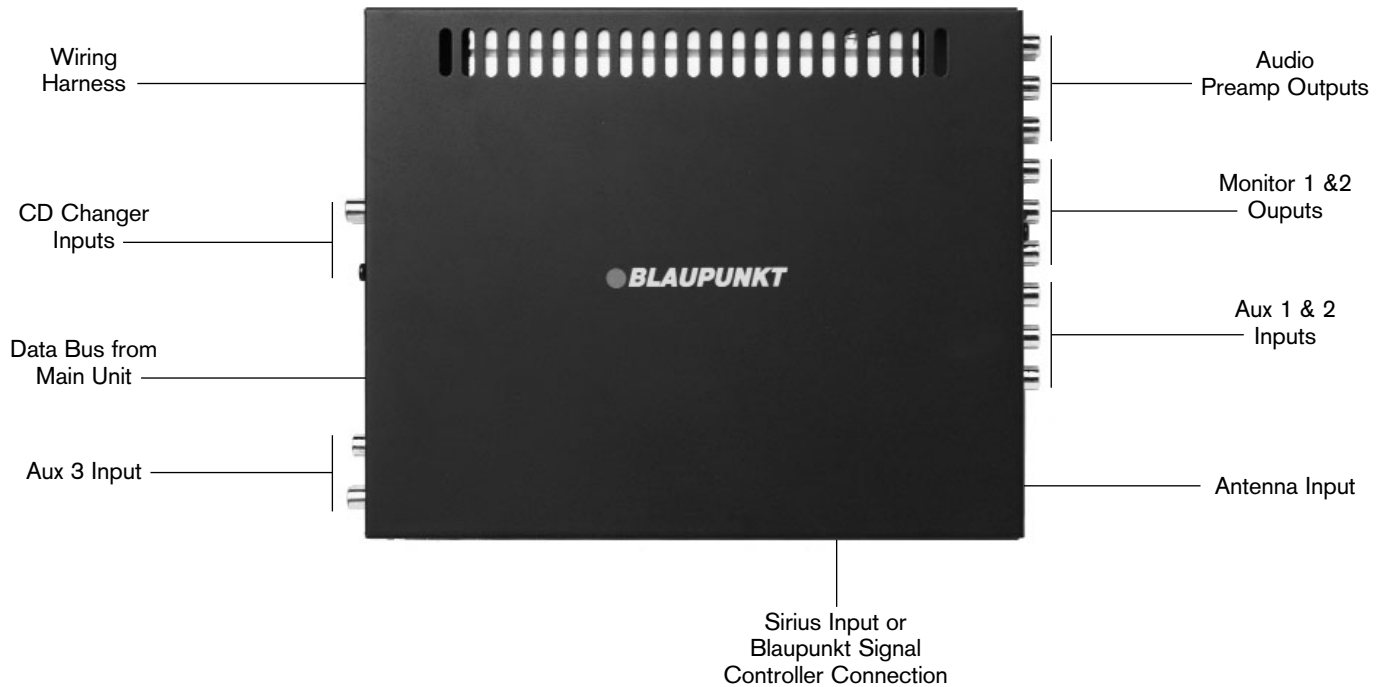
[SCAN] button

- Intro scan each file or title for 10 seconds

Main Unit Connections



Control Unit Connections



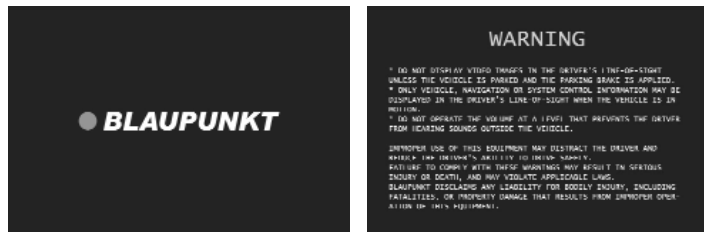
General Operation

General Operation

The following are key explanations for common operations.

- "FUNCTION" modes will be activated by holding a key for 1 or more seconds.
- All the OSD and front LCD displays remain visible for 3 seconds.

Turning the Unit ON



Main Unit: press "Blue" Power button

Remote: press power button

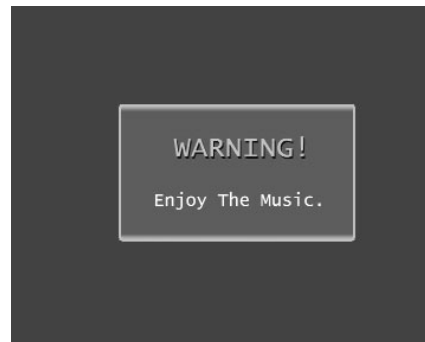
- System will initialize, "Welcome" menu will appear.

Note: Unit will return to last used mode (Last Condition Memory)

Power OFF

- Press [POWER] button and hold.

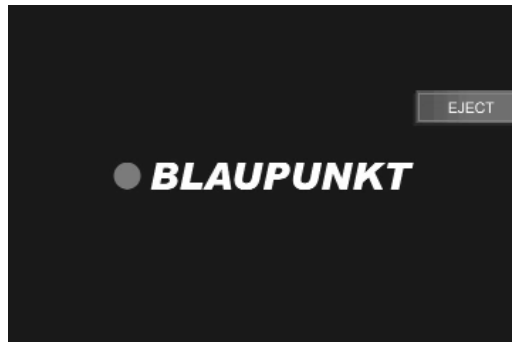
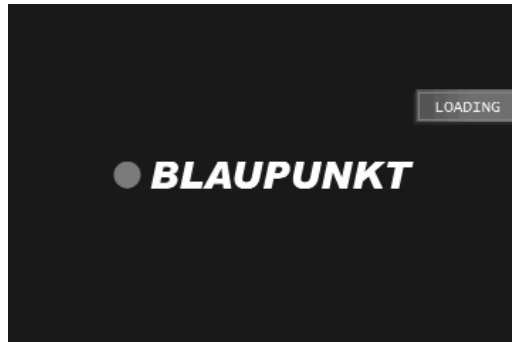
Warning



- Any function that requires driver's prolonged attention should only be performed after coming to a complete stop. Video does not play while driving and once tried, the above warning message will be displayed and unit will have sound ONLY. Watching the video may distract the driver from looking ahead of the vehicle and cause an accident.
- Navigation and audio information can be an exception.

General Operation

Loading a disc



- Insert a disc into the loading slot. Playback will automatically begin.
- To eject the disc, press EJECT.

General Operation

Adjusting the Volume



- Use **VOLUME** to adjust the sound level

Main unit: press Volume + or – to increase or decrease volume

Remote: press Volume \wedge or \vee to increase or decrease volume

Mute



- Activate/Deactivate the mute mode.

Main unit: press **POWER** key and release (less than 2 seconds)

Remote: press **MUTE** button

Monitor Tilting



- Main unit : N/A
- Remote: press TILT – or + to adjust screen angle up or down.

Note: To tilt screen to flat position without closing, press FLIP button. Screen will return to original position when button is pressed again.

Changing Wide Screen Mode.



- Main unit: N/A
- Remote: press WIDE button repeatedly to switch between WIDE and NORMAL during video playback.

Note: Screen aspect ratio: WIDE (16:9) ⇄ NORMAL (4:3)

General Operation

Selecting a Source

- Main unit and Remote: press SRC button repeatedly to toggle through sources.
 - Source outline : RADIO > DISC > CD-C > AUX1 > AUX2 > AUX3
- Note: CD-C is activated only when a CD-Changer is connected

Audio Mode Control



Sound Field Control



Dolby ProLogic II



7 Band Equalizer



Balance



Fader

To select from the previous sound field effects.

- Remote: press SOUND/DSP button.
- A text header will appear at the bottom of the screen.
- Press / or \ to select audio mode.
- Press < or > to edit within audio mode.

Note: Lower right text will show you current status of mode.

See Audio Effect Control for detailed operation

Audio Modes

- S.F.C control : OFF > Studio > Hall > Church > Stadium > Movie > Club
- Dolby PLII control : OFF > Pro Logic > Music > Movie > Matrix
- 7 Band EQ control : Flat > Classic > Jazz > Rock > Pops > Ballad > Dance > User
- Balance Control : <Left, Right>
- Fader Control : <Rear, Front>
- Press DSP key to return to main page.

Down Mix



- Reduces multiple channels to a fewer number of channels.
- Remote: press Down Mix
- Toggles on and off.

Front LCD Color Change

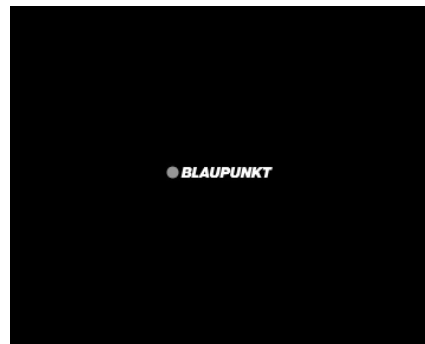
- Changes the color of Front LCD
- Remote: press LCD button repeatedly to toggle between colors.
- Sky Blue > Red > Pink > Yellow > White > Blue > Green >

Rear View Camera Mode

- Once the rear view camera is activated it will turn on automatically when the car is placed in reverse.
- To activate rear view camera. Press SETUP / toggle SRC to the USER menu
- Scroll down to EXTRA SETUP press ENTER / select Camera choose AUX# / press SETUP to exit.

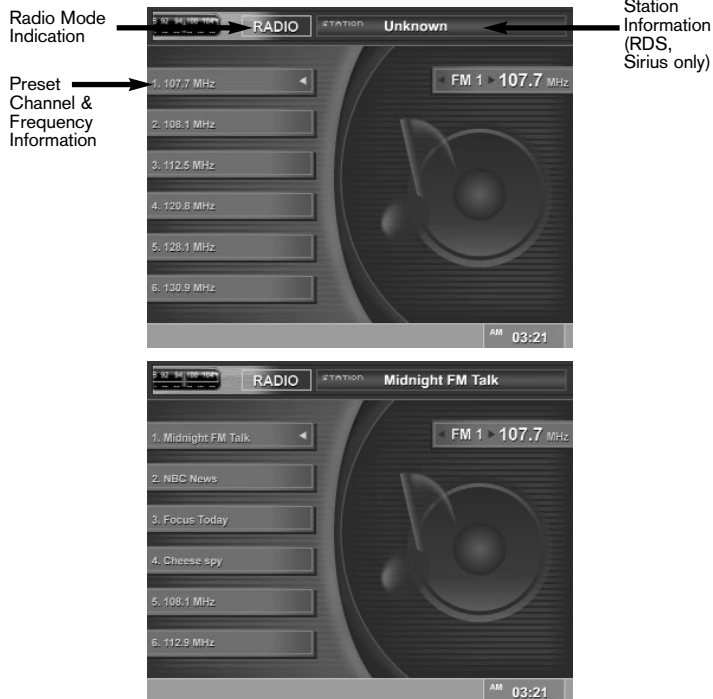
Note: To use rear view independently, press REAR on remote to turn on and off.

Screen Saver Mode



- The screen saver shown above will appear when 5 minutes elapses without inserting a disc in disc playing mode (DVD/CD/MP3).
- The screen saver will also appear when no buttons are pressed for up to 2 hours while playing audio sources (Radio/CD-A/CD-C/MP3).

Playback Mode Functions (Radio)



Station Name is being displayed on RDS / Sirius model

- These are the basic steps necessary to operate the radio
- Press SRC button on the remote or main unit to select the tuner

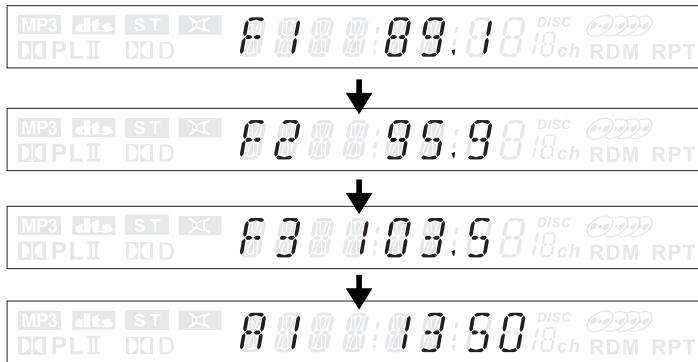


FM, AM is displayed as text.

- **Band selection**
- Main unit / Remote: press BAND
- Press BAND repeatedly until desired band is displayed, (FM1>FM2>FM3>AM1)



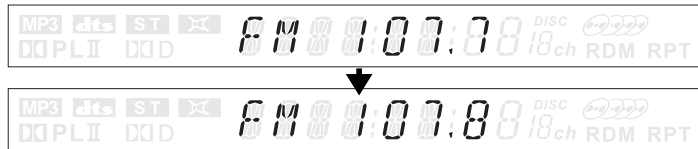
Playback Mode Functions (Radio)



BAND Selection (FM1 > FM2 > FM3 > AM)

- Manual Tuning

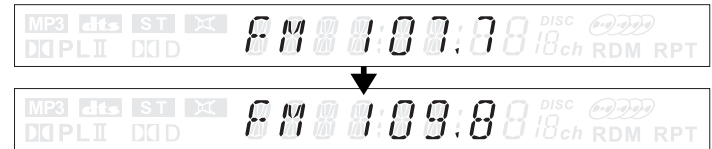
- Main unit / Remote: press [◀] or [▶] button(s) to tune up or down frequencies.



- Seek Tuning

- Main unit: press [◀] or [▶] button(s) and hold.
- Remote: press [◀◀] or [▶▶] button(s).

Note: The tuner will scan the frequencies until a broadcast strong enough for a good reception is found.



Select and stop automatically when next strong station detected

Playback Mode Functions (Radio)

- Station Preset Memory

- When you want to keep a station in memory, for quick one button access.

Select the station desired.

Press and hold the numeric key on front of main unit.

Corresponding number on left of screen will confirm station in memory.

Note: up to 18 FM stations, 6 for each of the three FM bands, and 6 AM stations can be stored in memory.



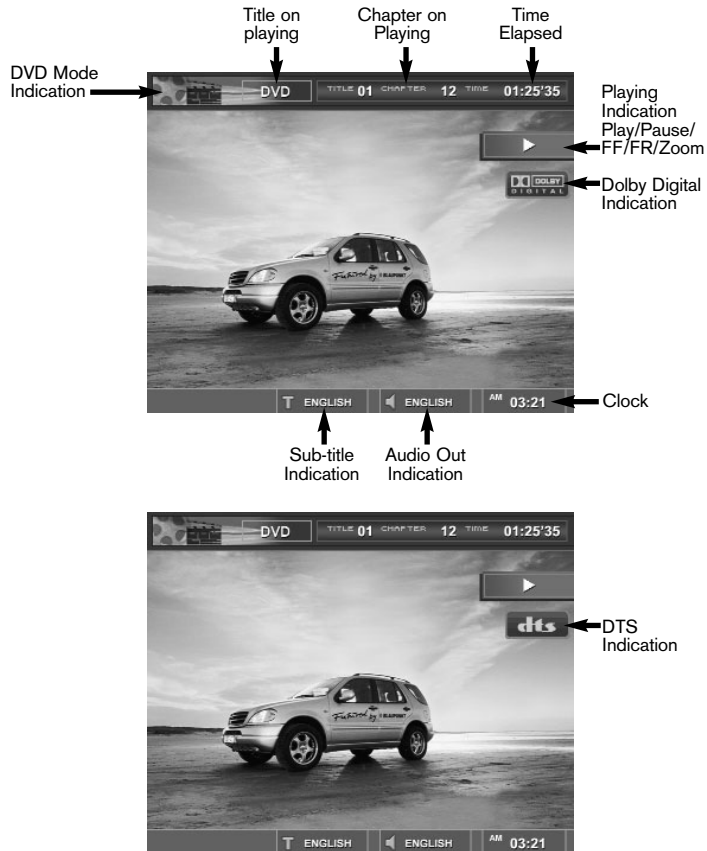
- Automatic Memory of Station Preset (Best Station Memory)

Allows you to automatically store the six strongest signals under the preset tuning keys (1-6)

On the main unit press the BND button and hold.

Note: Using the Best Station Memory may replace stations you have already saved.

Playback Mode Functions (DVD)



- To access DVD menu:

- Main unit / Remote: press SRC button to toggle to DVD mode.
- Note: By loading a DVD disc mode will change automatically.
- DVD will continue to play for back seat viewing when other modes are selected. (Radio, Aux, CDC)



Displays Clock, Dolby Digital, Pro Logic, DTS etc



Press [Display] to see the information through Front LCD
Current time -> Chapter -> Title -> etc.

- Play / Pause

Unit will read and play the DVD automatically when disc is inserted.
press [▶] button on main unit / Remote to play or pause.

- Searching by Chapter or Track (Skip)

Press [◀] or [▶] button on the main unit or remote, to easily move to the beginning of the next chapter.

- Searching by Title / Chapter (Direct move)

- Remote: press GOTO. A cursor will appear at the top of the screen under the Title menu. Select the number of the title you wish to play and press enter.
- Press GOTO repeatedly to move cursor (Title> Cursor)

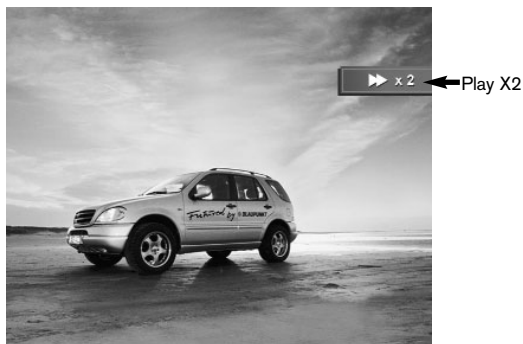
Playback Mode Functions (DVD)



- Fast forward or reverse

During playback, press [◀◀ or ▶▶] button on Remote to Fast forward or Reverse. F/F or R speed switches each time the button is pressed (x2, x4, x6, x8). No sound or subtitles are played during fast-forward or reverse.

Press [▶] button to return to normal speed.



- Language Mode Change

- Remote: press AUDIO repeatedly to toggle through language options.
- Note: this feature is available only if DVD contains soundtracks in different languages.



- Sub-title Mode Change

- Remote: press S-TITLE repeatedly to toggle through sub-title options.



Playback Mode Functions (DVD)

- Repeat

There are two repeat ranges for the DVD playback. Chapter (C) / Track (T)

- Press REPEAT on remote, or RPT on head unit.
- The repeat mode switches each time the button is pressed:
Chapter repeat > Title repeat > Repeat off.



- Zoom

There are several magnifications of zoom. Allowing for a close up view of the DVD.

- Press ZOOM on remote or head unit to zoom in or zoom out.
- Press ZOOM repeatedly to toggle between options:
Normal > x1.5 > x2 > x3

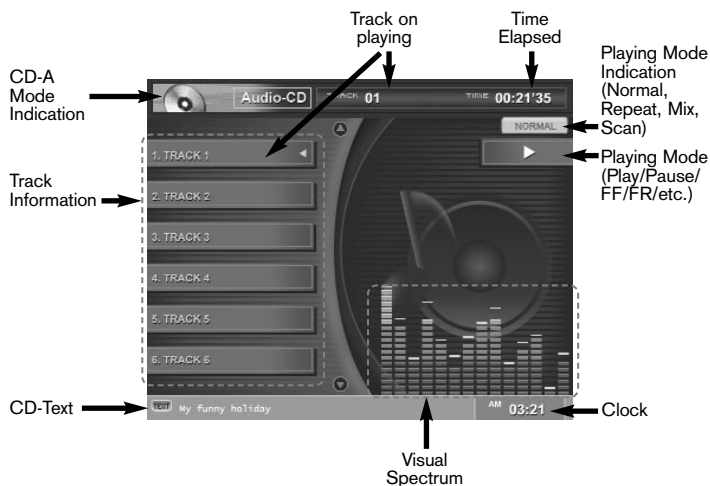


- Angle

Enables use of multi-angle features from supporting DVD. Press ANGLE on remote.

Press Repeatedly to toggle through available options

Playback Mode Functions (CD)



- To access CD-A menu:

- Main unit / Remote: press SRC button to toggle to CD-A mode.

Note: By loading a CD-A disc, mode will change automatically.



Displays clock, Pro Logic etc.



Press [Display] to see the information through Front LCD
(T: Track, Time elapsed)

- Play / Pause

Unit will read and play the CD-A automatically when disc is inserted. Press [▶|◀] button on head unit / Remote to play or pause.

- Searching by Track (Skip)

Press [◀] or [▶] button on the main unit or remote, to easily move to the beginning of the next track.

- Fast forward or reverse

During playback, press [◀◀] or [▶▶] button on Remote to forward or reverse the disc. F/F or R speed switches each time the button is pressed (x1.5, x2, x3, x4).

Press [▶|◀] button to return to normal speed.



Playback Mode Functions (CD)

- Repeat

- Press REPEAT on remote, or RPT on main unit.
- The repeat mode switches each time the button is pressed :
Track repeat on> Track repeat off



- Random

- Press MIX on remote or RDM on main unit.
- The random mode switches each time the button is pressed :
Random on> Random off



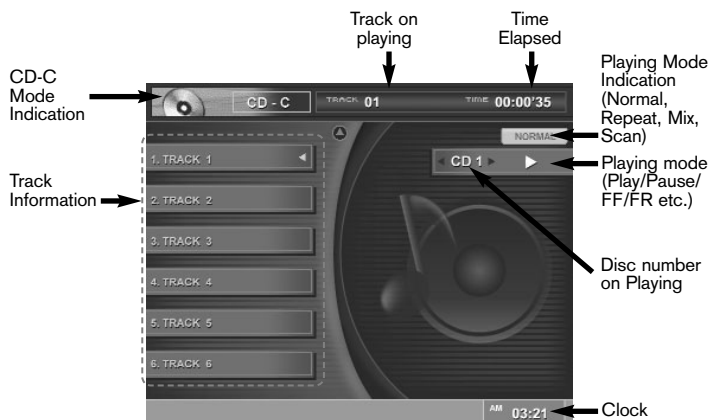
- Scan

Use this function to search the song by playing an intro of the disc's tracks for 10 seconds, then moving to next track repeatedly.

- Press SCAN on remote, or on main unit.
- The scan mode switches each time the button pressed:
Scan on > Scan off (Normal play).



Playback Mode Functions (CD Changer)



- To access CD-C menu:

- Main unit / Remote: press SRC button to toggle to CD-C mode.



Indicates clock, Pro Logic, CD-Changer mark, DISC number etc.

- Play / Pause

The unit will read and play the title loaded, automatically. Press [▶] button on Remote or main unit to play or pause

- Selecting Disc

Press [▲], [▼] button on Remote or [DISC +/-] button on Front, to easily move to the disc you would like to play.



- Fast Forward or Reverse

During playback, press [⏮] or [⏭] button on Remote to fast-forward or reverse the disc. F/F or R speed switches each time the button is pressed (x1.5, x2, x3, x4).

Press [⏮] button to return to normal speed.



Playback Mode Functions (CD Changer)

- Searching by Track (Skip)

Press [⏮ or ⏭] button on the main unit or remote, to easily move to the beginning of the next track.

- Repeat

- Press REPEAT on remote, or RPT on main unit.
- The repeat mode switches each time the button is pressed :
Track repeat > Disc repeat > repeat off



- Random

- Press MIX on remote or RDM on the main unit.
- The random mode switches each time the button is pressed:
Disc Random > Changer Random > Random off.



- Scan

Use this function to search for a song by playing an intro of the disc's tracks for 10 seconds, then moving to next track repeatedly.

- Press SCAN on remote, or on main unit.
- The scan mode switches each time the button pressed:
Scan on > Scan off (Normal play).



Playback Mode Functions (MP3 CD)



- To access MP3 menu:

- Main unit / Remote: press SRC button to toggle to CD-A mode.
- Note: By loading a MP3 disc, mode will change automatically.
- ID3 TAG will be shown at the bottom of the screen.
- Note: ID3 TAG will only appear if added during recording of disc.



Displays Clock. MP3-CD indicator



Press [Display] to see the information through Front LCD
(F: File, Time elapsed, Folder number)

- Play / Pause

The unit will read and play the title loaded, automatically. Press [▶|] button on Remote or head unit to play or pause

- Fast forwarding or Fast reversing

During playback, press [◀◀ or ▶▶] button on Remote to forward or reverse. F/F or F/R speed switches each time the button is pressed (x2, x4, x6, x8).

Press [▶|] button to return to normal speed.

- Searching by File

Press [▲, ▼] button on Remote to scroll File UP/DOWN.

- Searching by Folder

Press [◀, ▶] button on Remote or [DISC +/-] on Main Unit, to scroll Folder UP/DOWN.

- Repeat

- Press REPEAT on remote, or RPT on head unit.
- The repeat mode switches each time the button is pressed:
File repeat > Folder repeat > repeat off



Playback Mode Functions (AUX)

- Random

- Press MIX on remote or RDM on main unit.
- The random mode switches each time the button is pressed:
Folder Random > Disc Random > Random off.



- Scan

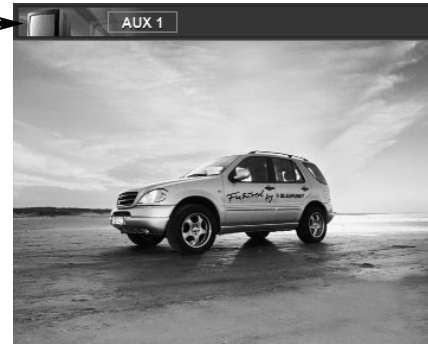
Use this function to search for a song by playing an intro of the discs tracks for 10 seconds, then moving to next track repeatedly.

- Press SCAN on remote, or on main unit.
- The scan mode switches each time the button pressed:
Folder Scan > Disc scan > Scan off (Normal play).



- To activate your auxiliary devices (rear view camera, navigation system etc.)

AUX Mode



- Press SRC button on remote or main unit to select AUX mode.
- The Aux mode switches each time the button pressed:
AUX 1 > AUX 2 > AUX 3.



- Press NAVI button on remote or main unit for direct activation of navigation.
- Press NAVI button again to resume previous mode.

Note: No OSD will be visible on the monitor when the Navigation is connected through optional RGB connector.

Selecting Set Up Menu

Press SETUP button on Remote.

General Setup



- Setting the Menu

1. Once the Set-Up menu is activated, continue to press SRC and it will switch the categories in the following sequence: DVD > AUDIO > SCREEN > USER.
2. Press [\blacktriangle or \blacktriangledown] button to activate sub menu.
3. Press [RETURN] button to return to the previous step and press [SETUP] button to finish.
4. For more of specific way of setting the menu, it will be explained at each menu separately.

Note: The HELP tab on the bottom of the screen will help navigate through the menu.

DVD Setup

- Press **SETUP** button on the remote and press **SRC** to move to DVD setup mode.

Note: The DVD setup mode is the initial mode when Set-Up is activated.

Language Setup



- Press **SETUP** button on the remote and press **SRC** to move to **DVD** setup mode
- Press [**▲** or **▼**] button to activate **Language** setup and press the **ENTER** button.
- Press [**▲** or **▼**] button to select (Audio or Sub-Title) header press the **ENTER** button
- Press **<** or **>** button to select setting within chosen header. Press the **ENTER** button to select.

Note: OTHERS refers to the standard language table in the manual for other language selections. Input 4-digit code of language you would like selected. See language code table on page 48.

Display Setup



- Press **SETUP** button on the remote and press **SRC** to move to **DVD** setup mode.
- Press [**▲** or **▼**] button to activate **Display** setup and press the **ENTER** button.
- Press [**▲** or **▼**] button to select (Aspect, Type or Video STD) header press the **ENTER** button.
- Press [**◀** or **▶**] button to select setting within chosen header. Press the **ENTER** button to select.

Menu Settings

Parental Control



- Press **SETUP** button on the remote and press **SRC** to move to **DVD** setup mode
- Press [**▲** or **▼**] button to activate **Parental Control** setup and press the **ENTER** button.
- Press [**◀** or **▶**] button to select setting within chosen header. Press the **ENTER** button to select.
- The following are the viewing level options for DVDs.
 - 1. General (G) > 2. Most audiences > 3. Mature young audience (PG) > 4. Teenage audience (PG-13) > 5. Mature teenage audience > 6. Mature audience (R) > 7. Adult audience (NC-17) > 8. Unrated

Note: When the settings are changed, you will need to input ID code. (see ID code)

- Not all DVDs provide a parental guide feature.

Audio Setup

Press **SETUP** button on the remote and press the **SRC** button repeatedly to move to Audio setup mode

Input Level



Press **SETUP** button on the remote and press the **SRC** button repeatedly to move to Audio setup mode

- Press [**▲** or **▼**] button to activate the **Input Level** setup menu and press the **ENTER** button.
- Press [**▲** or **▼**] button to select (Aux1, Aux 2 or Aux 3) header press the **ENTER** button.
- Press [**◀** or **▶**] button to select voltage setting within chosen header. Press the **ENTER** button to select.

Audio Effect Control



Press SETUP button on the remote and press the SRC button repeatedly to move to Audio setup mode

- Press [▲ or ▼] button to activate the **Input Level** setup menu and press the ENTER button.
- Press [▲ or ▼] button to select (ProLogic 2, SFC or Down Mix) header press the ENTER button.
- Press [◀ or ▶] button to select audio effect setting within chosen header. Press the ENTER button to select.
- Dolby ProLogic II.
- This mode will allow you to select the following:
OFF > Pro Logic > Music > Movie > Matrix



- Select SFC (Sound Field Control).
- The mode will allow you to select the following:
OFF > Studio > Hall > Church > Stadium > Movie > Club



- Select Down Mix. (for dual zone use)
- The mode when activated, will only play music from the front speakers.
 - Lt / Rt: mix rear surround to the front
 - Stereo: stereo down mix
 - VSS: virtual surround sound

Menu Settings

7 Band Equalizer



Press SETUP button on the remote and press the SRC button repeatedly to move to **Audio** setup mode

- Press [\blacktriangle or \blacktriangledown] button to activate the **7 Band Equalizer** setup menu and press the ENTER button.
 - Press [\blacktriangleleft or \blacktriangleright] button to select preset EQ and press SRC to exit.
 - Total of 7 EQ modes are available: 6 preset and 1 user selection.
 - Flat > Classic > Jazz > Rock > Pop > Ballad > Dance > User
- Note: To adjust any frequency individually, choose your EQ mode press ENTER.

Press [\blacktriangleleft or \blacktriangleright] to select your frequency. Then press [\blacktriangle or \blacktriangledown] to adjust the gain (+6 /-6) of the selected frequency. Press SRC to exit.



Speaker Setup

Press SETUP button on the remote and press the SRC button repeatedly to move to **Audio** setup mode

- Press [\blacktriangle or \blacktriangledown] button to activate the **Speaker Setup** menu and press the ENTER button.
- Press [\blacktriangle or \blacktriangledown] button to select (Front, Rear, Center, Subwoofer) header press the ENTER button.
- Press [\blacktriangleleft or \blacktriangleright] button to select speaker size within chosen header. Press the ENTER button to select.

Note: Front speaker setup does not support "None" since all the vehicles are equipped with front speakers. Large/Small indicates the physical size of the speaker being used. Selecting SMALL will filter lower frequencies to protect it. Selecting LARGE will allow full range to the indicated speaker.

Speaker Delay Setup



Press SETUP button on the remote and press the SRC button repeatedly to move to Audio setup mode

- Press [▲ or ▼] button to activate the **Speaker Delay** menu and press the ENTER button.
- Press [▲ or ▼] button to select (Rear, Center,) header press the ENTER button.
- Press [◀ or ▶] button to select delay for chosen speaker. Press the ENTER button.

Speaker Gain Setup



Press SETUP button on the remote and press the SRC button repeatedly to move to Audio setup mode

- Press [▲ or ▼] button to activate the **Speaker Gain** menu and press the ENTER button.
- Press [▲ or ▼] button to select (Front R/L, Rear R/L, Center, Subwoofer) header press the ENTER button.
- Press [◀ or ▶] button to select + or - gain for chosen speaker. Press the ENTER button.

Menu Settings

Dynamic Range Setup



Press SETUP button on the remote and press the SRC button repeatedly to move to **Audio** setup mode

- Press [\blacktriangle or \blacktriangledown] button to activate dynamic range setup and press [ENTER] button.

- Press [\blacktriangleleft or \blacktriangleright] button to select + or – dynamic range.

Note: The level varies upon the sequence following: OFF, 1/8, 2/8, 3/8, 4/8, 5/8, 6/8, 7/8, Full.

Test Tone



Press SETUP button on the remote and press the SRC button repeatedly to move to **Audio** setup mode

- Press [\blacktriangle or \blacktriangledown] button to activate **Test Tone** setup and press [ENTER] button.

- This will create a test tone for any selected speaker.

- Use [\blacktriangle or \blacktriangledown], [\blacktriangleleft or \blacktriangleright] to navigate speaker configuration

Note: Be sure to have the center, rear and subwoofer set to large or small when testing. This can be checked in the SPEAKER SETUP menu. (See page 35)

Screen Setup

Press SETUP button on the remote and press the SRC button repeatedly to move to Screen setup mode

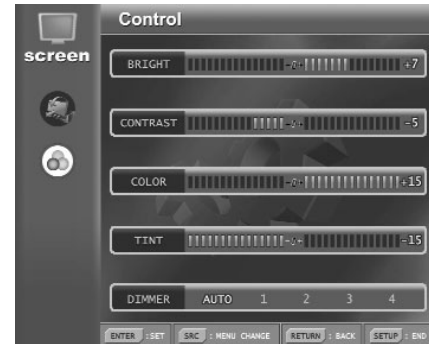
Monitor Tilt



Press SETUP button on the remote and press the SRC button repeatedly to move to **Screen** setup mode

- Press [\wedge or \vee] button to activate the **Tilt** menu and press the ENTER button.
 - Press [\wedge or \vee] button to select (Tilt, Position) header press the ENTER button.
 - Press [$<$ or $>$] button to select setting Press the ENTER button.
- Note: Tilt -2 cannot be chosen when unit is in backward position.

Screen Control



Press SETUP button on the remote and press the SRC button repeatedly to move to **Screen** setup mode



- Press [\blacktriangle or \blacktriangledown] button to activate the **Control** menu and press the ENTER button.
- Press [\blacktriangle or \blacktriangledown] button to select (Brightness, Color, Contrast, Tint, Dimmer) header press the ENTER button.
- Press [\blacktriangleleft or \blacktriangleright] button to select setting Press the ENTER button.

Menu Settings

Extra Setup



Press SETUP button on the remote and press the SRC button repeatedly to move to **USER** setup mode

ID Code Setup

Protects your radio from theft by having an ID code. The radio will ask for the code if disconnected from battery power.



Press SETUP button on the remote and press the SRC button repeatedly to move to **USER** setup mode

- Press [\blacktriangle or \blacktriangledown] button to activate **ID code** mode and press the ENTER button.

Note: Parental guide with DVD mode will ask for ID code.

Images Manager



Press SETUP button on the remote and press the SRC button repeatedly to move to **USER** setup mode

- Press [\blacktriangle or \blacktriangledown] button to activate **Image manager** mode and press [ENTER] button.



- Press [▲ or ▼] button to select (Preview, IMG Swing) header press the ENTER button.
 - Press [◀ or ▶] button to select setting Press the ENTER button.
- Note: User can select the image to use as wallpaper for playback modes Radio, MP3, Audio CD, and CD-C.
- Preview IMG 1~7 and select one of them as a wallpaper (Image Swing should be OFF for this operation).



Note: To remove stored images Select CLEAR then the confirmation message pops up to clear image. Upon confirmation, the selected image can be removed and the screen shows a black window. Removed image cannot be shown on image swing.

Menu Settings

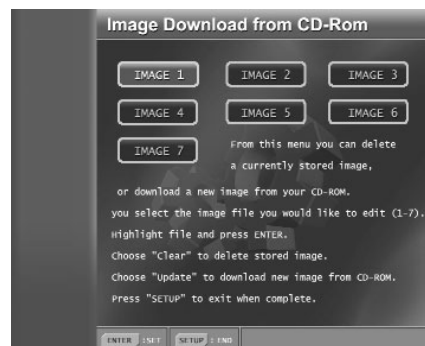


- Select image swing function.

Note: With the Image Swing function ON the wallpaper will change after every song played on Audio-CD, MP3 mode. In Radio mode the wallpaper will change every 5 minutes. Up to 7 images can be loaded.

WallPaper Download

- This unit supports custom wallpaper by downloading them via a CD-ROM.
 - Connect to <http://www.blaupunktusa.com>, to download the correct software.
 - Pictures automatically download when image CD is inserted into the unit.
- Note: When placing your wallpaper images on a CD-ROM (minimum of three required), you will also need to place a 20 MB (minimum) text file on the CD (this should be in a folder named DUMMY.TXT).



- Press [ENTER] on the remote. To bring up the menu (as seen above) and select the image number to PREVIEW, CLEAR, UPDATE
- Press [\blacktriangle or \blacktriangledown] on the remote to toggle between images.

Upgrade Software

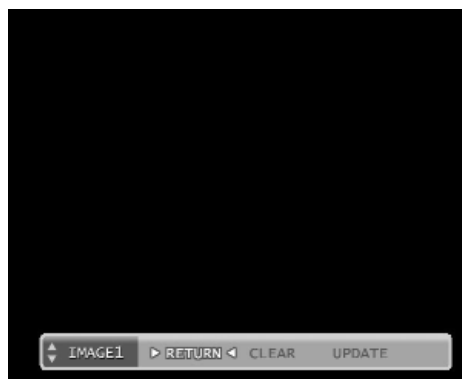
- Connect to <http://www.blaupunktusa.com> to download software upgrades.

Note: When placing software upgrades on a CD-ROM to transfer to the main unit, you will also need to place a 20 MB (minimum) text file on the CD (this should be in a folder named DUMMY.TXT).

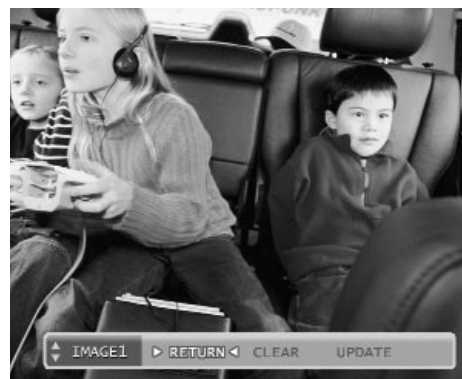
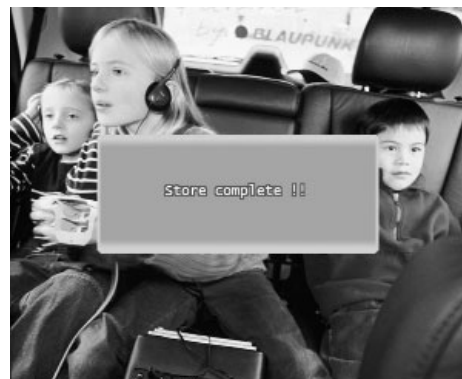
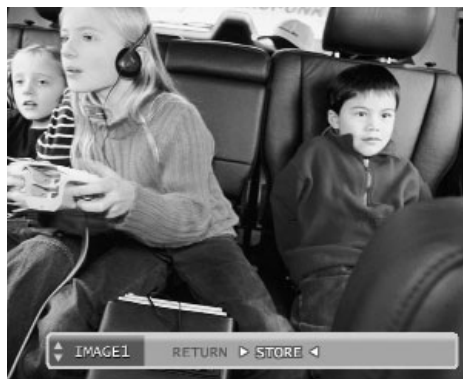


- Select CLEAR to delete current image from memory.

Menu Settings



- Select UPDATE to choose current image and store as wallpaper.



- Select UPDATE to choose current image and store as wallpaper.
- Once stored, the image will be displayed on the monitor as wallpaper. You may select and store up to seven images.
- Press RETURN to finish and return to initial mode.

Note: When finished, the CD-ROM will eject automatically.

Menu Settings

Wallpaper Change



- In order to change the wallpaper in playback mode.
- Main unit: N/A
- Remote: press DISP/WALLPAPER. This will toggle through all saved images.

Adjust Date & Time



- Press SETUP button on the remote and press the SRC button repeatedly to move to **USER** setup mode
- Press [▲ or ▼] button to activate **Adjust Date & Time** mode and press [ENTER] button.
 - Press [▲ or ▼] button to select (Year, Month, Day, Hour, Min) header press the ENTER button.
 - Press [◀ or ▶] button to select setting Press the ENTER button.

Note - In order for the system memory to function, Date and Time information must be entered when the system is installed and turned on.

External Source Setup

Press SETUP button on the remote and press the SRC button repeatedly to move to **USER** setup mode
Press [▲ or ▼] button to select **External Source Setup** mode and Press the [ENTER] button.

- Press [▲ or ▼] button to select (Navi, Camera, Reverse, Monitor 1, Monitor 2) header; press the ENTER button.
- Press [◀ or ▶] button to select setting. Press the ENTER button.



- Select Navigation input.



- Select rear view camera input.



- Select to reverse the captured view by the rear view camera.

Menu Settings



- Select Aux1, Aux2 or Aux3 input ON/OFF.



- Select AUTO to apply the video source selected at the main unit.



- Select Monitor 1 and choose one of the following: (DISC/RADIO/Aux1/Aux2/Aux3) for independent monitor 1 source, press the ENTER button.

Note: If no input is connected to Aux1, Aux2 or Aux3 turn OFF.



Press [\blacktriangle or \blacktriangledown] button to select Factory Default Setting and press the ENTER button.

DVD Language Code Table

Code	Language	Code	Language	Code	Language	Code	Language	Code	Language	Code	Language
6565	Afar	6865	Danish	7383	Icelandic	7782	Marathi	8279	Romanian	8479	Tonga
6566	Abkhazian	6869	German	7385	Inuktitut	7783	Malay	8278	Rundi	8478	Tswana
6570	Afrikaans	7876	Dutch	7369	Interlingue	7775	Macedonian	8285	Russian	8483	Tsonga
8381	Albanian	6890	Dzongkha	7365	Interlingua	7771	Malagasy	8371	Sango	8475	Turkmen
6577	Amharic	6976	Greek	7378	Indonesian	7784	Maltese	8365	Sanskrit	8482	Turkish
6582	Arabic	6978	English	7375	Inupiaq	7779	Moldavian	8382	Serbian	8487	Twi
6583	Assamese	6979	Esperanto	7383	Icelandic	7778	Mongolian	8372	Croatian	8571	Uighur
6569	Avestan	6984	Estonian	7384	Italian	7773	Maori	8373	Sinhalese	8575	Ukrainian
6588	Aymara	6985	Basque	7487	Javanese	7783	Malay	8375	Slovak	8582	Urdu
6590	Azerbaijani	7079	Faroese	7465	Japanese	7865	Nauru	8376	Slovenian	8590	Uzbek
6665	Bashkir	7065	Persian	7576	Kalaallisut	7886	Navajo	8369	Northern Sami	8673	Vietnamese
6985	Basque	7074	Fijian	7578	Kannada	7882	Ndebele, South	8377	Samoa	8679	Volapük
6669	Belarusian	7073	Finnish	7583	Kashmiri	7868	Ndebele, North	8378	Shona	6789	Welsh
6678	Bengali	7082	French	7575	Kazakh	7871	Ndonga	8368	Sindhi	8779	Wolof
6672	Bihari	7089	Frisian	7577	Khmer	7869	Nepali	8379	Somali	8872	Xhosa
6673	Bislama	7565	Georgian	7573	Kikuyu	7876	Dutch	8384	Sotho, Southern	7437	Yiddish
6679	Tibetan	6869	German	8287	Kinyarwanda	7879	Norwegian	6983	Spanish	8979	Yoruba
6683	Bosnian	7168	Gaelic	7589	Kirghiz	7878	Norwegian Nynorsk	8381	Albanian	9065	Zhuang
6682	Breton	7165	Irish	7586	Komi	7866	Norwegian Bokmål	8367	Sardinian	9085	Zulu
6671	Bulgarian	7176	Gallegan	7579	Korean	7889	Chichewa	8383	Swati		
7789	Burmese	7186	Manx	7574	Kuanyama	7967	Occitan	8385	Sundanese		
6765	Catalan	6976	Greek	7585	Kurdish	7982	Oriya	8387	Swahili		
6783	Czech	7178	Guarani	7679	Lao	7977	Oromo	8386	Swedish		
6772	Chamorro	7185	Gujarati	7665	Latin	7983	Ossetian	8489	Tahitian		
6769	Chechen	7265	Hausa	7686	Latvian	8065	Punjabi	8465	Tamil		
9072	Chinese	7387	Hebrew	7678	Lingala	7065	Persian	8484	Tatar		
6785	Church Slavonic	7290	Herero	7684	Lithuanian	8073	Pali	8469	Telugu		
6786	Chuvash	7273	Hindi	7666	Letzeburgesch	8076	Polish	8471	Tajik		
7587	Cornish	7279	Hiri Motu	7775	Macedonian	8084	Portuguese	8476	Tagalog		
6779	Corsican	7282	Croatian	7772	Marshall	8083	Pushto	8472	Thai		
6789	Welsh	7285	Hungarian	7776	Malayalam	8185	Quechua	6679	Tibetan		
6783	Czech	7289	Armenian	7773	Maori	8277	Raeto-Romance	8473	Tigrinya		

Limited Warranty Information (United States Only)

Robert Bosch Corporation warrants new Blaupunkt car audio and video products it distributes in the United States through authorized Blaupunkt dealers, or which are imported as original vehicle equipment by the automobile manufacturer, to be free from defects in material and workmanship, in accordance with the following: For twelve (12) months after delivery to you, the original consumer purchaser, we will repair or at our option replace at no charge to you any car audio and video product which, under normal conditions of use and service, proves to be defective in materials or workmanship. However, this warranty does not cover expenses incurred in the removal or reinstallation of any car audio and video product, whether or not proven defective, and does not cover products not purchased from an authorized Blaupunkt dealer. This warranty is limited to the original consumer purchaser and is not transferable. Repaired and replacement car audio and video products shall assume the identity of the original for purpose of this warranty and this warranty shall not be extended with respect to such products. To obtain performance of this warranty, contact the nearest Blaupunkt authorized repair facility or our nearest office. A dated purchase receipt or other proof that the product is within the warranty period will be required in order to honor your claim. Carefully pack the unit and ship prepaid to the servicing location. For further information, write to the Robert Bosch Corporation, 2800 South 25th Avenue, Broadview, Illinois, 60155, attention Blaupunkt Customer Service Department or call 1-800-266-2528. Specifically excluded from this warranty are failures caused by misuse, neglect, abuse, improper operation or installation, dropping or damaging, unauthorized service or parts, or failure to follow maintenance instructions or perform normal maintenance activities. Normal maintenance activities for car audio and video products include but are not limited to cleaning and other minor maintenance activities and adjustments that are outlined in the owner's manual or that are normally required for continued proper operation. Also excluded from this warranty is the correction of improper installation and the elimination of any external electromagnetic interference. This warranty sets forth your exclusive remedies with respect to the products covered by it. We shall not be liable for any incidental, consequential, special or punitive damages arising from

the sale or use of any Blaupunkt car audio and video products, whether such claim is in contract or tort. No attempt to alter, modify, or amend this warranty shall be effective unless authorized in writing by an officer of Robert Bosch Corporation. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY IMPLIED BY LAW, WHETHER FOR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE AND SHALL BE EFFECTIVE ONLY FOR THE PERIOD THAT THIS EXPRESS WARRANTY IS EFFECTIVE. In the event any provision, or any part or portion of this warranty shall be held invalid, void or otherwise unenforceable, such holding shall not affect the remaining part or portions of that provision or any other provision hereof.

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Printed in Korea (9/03)

Chicago IVDM-7002

Installation & Connections

Before attempting to connect, or operate this product, please read the manual completely.



NO USER-SERVICEABLE PARTS ARE INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol indicates dangerous voltage inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

CAUTION: THIS UNIT HAS BEEN ADAPTED WITH AN INVISIBLE CLASS 1 LASER BEAM WHICH CAN CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE UNIT CORRECTLY AS INSTRUCTED.

Caution:

This product satisfies FCC regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances, such as radios and televisions, use shielded cables and connectors for connections.

FCC NOTE (for U.S.A):

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect this equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- This class B digital apparatus meets all requirements of the Canadian Interference - Causing Equipment Regulations.

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT

WARNING

To reduce the risk of fire or shock hazard, do not expose this DVD player to rain or moisture.

CAUTION

THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVER AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

Caution

Install the control unit away from moisture, heat sources, and places exposed to strong magnetic or electric fields. When condensation forms inside the player or on the surface of the disc due to sudden temperature changes from cold to hot, the player may not operate correctly. If this occurs, leave the player at room temperature for about 2 hours or until the player becomes operational.

Warning

Never disassemble the main unit in any way. Electric shock or exposure to an invisible laser beam may result. Do not look inside the DVD player.

Installation

Install the in-dash unit so that the driver cannot view video while the vehicle is in motion. The driver should park the vehicle in a safe area and apply the parking brake before viewing video on the monitor.

Batteries

The batteries used in the remote control contain the chemical that are harmful to the environment. Properly dispose of batteries.

Handling the Main Unit

For safety reasons,

- Do not use benzene or other solvents when cleaning.
- Wipe the main unit with a soft cloth.

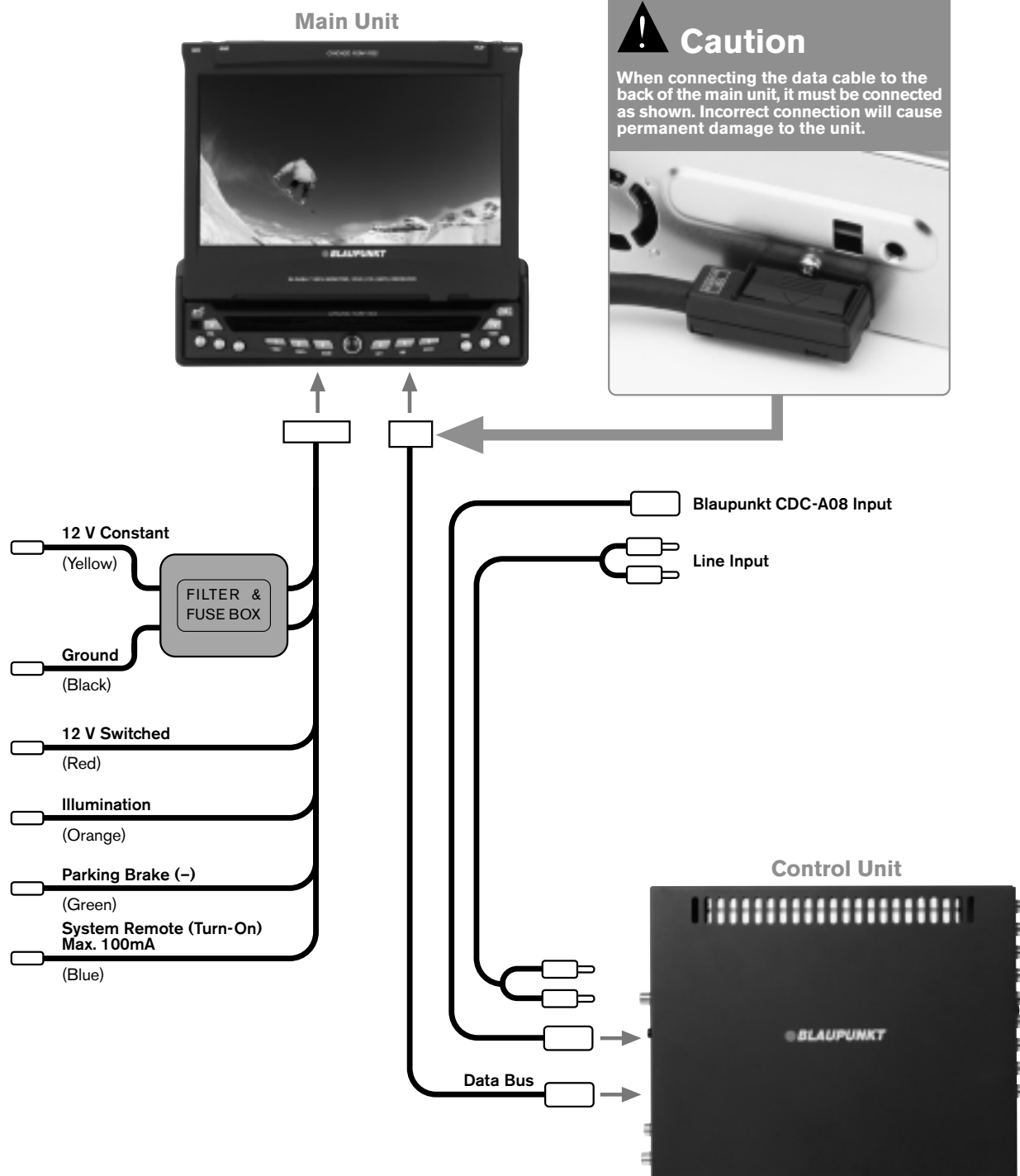


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Chicago IVDM-7002

Main Unit & Control Unit Connections



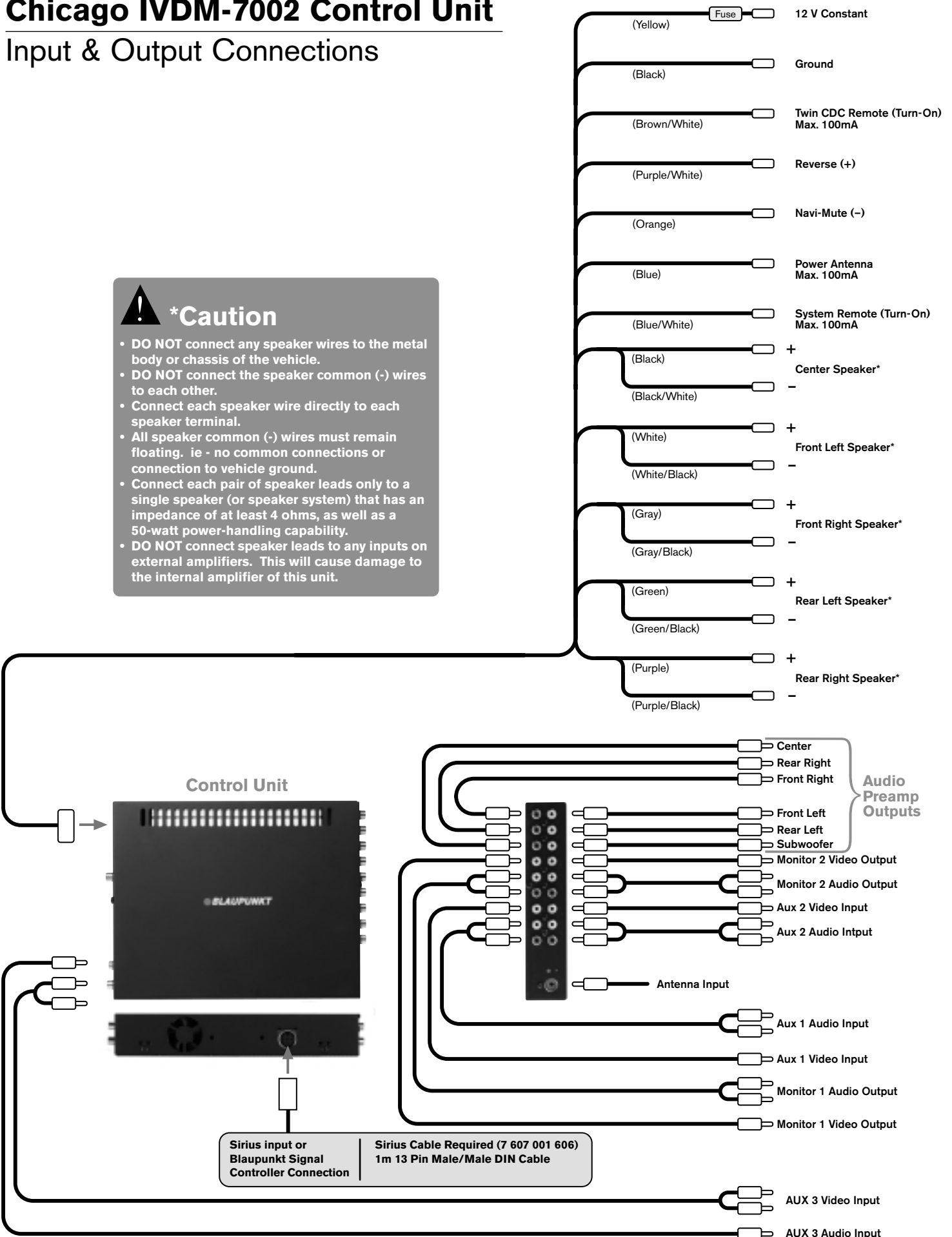
Chicago IVDM-7002 Control Unit

Input & Output Connections



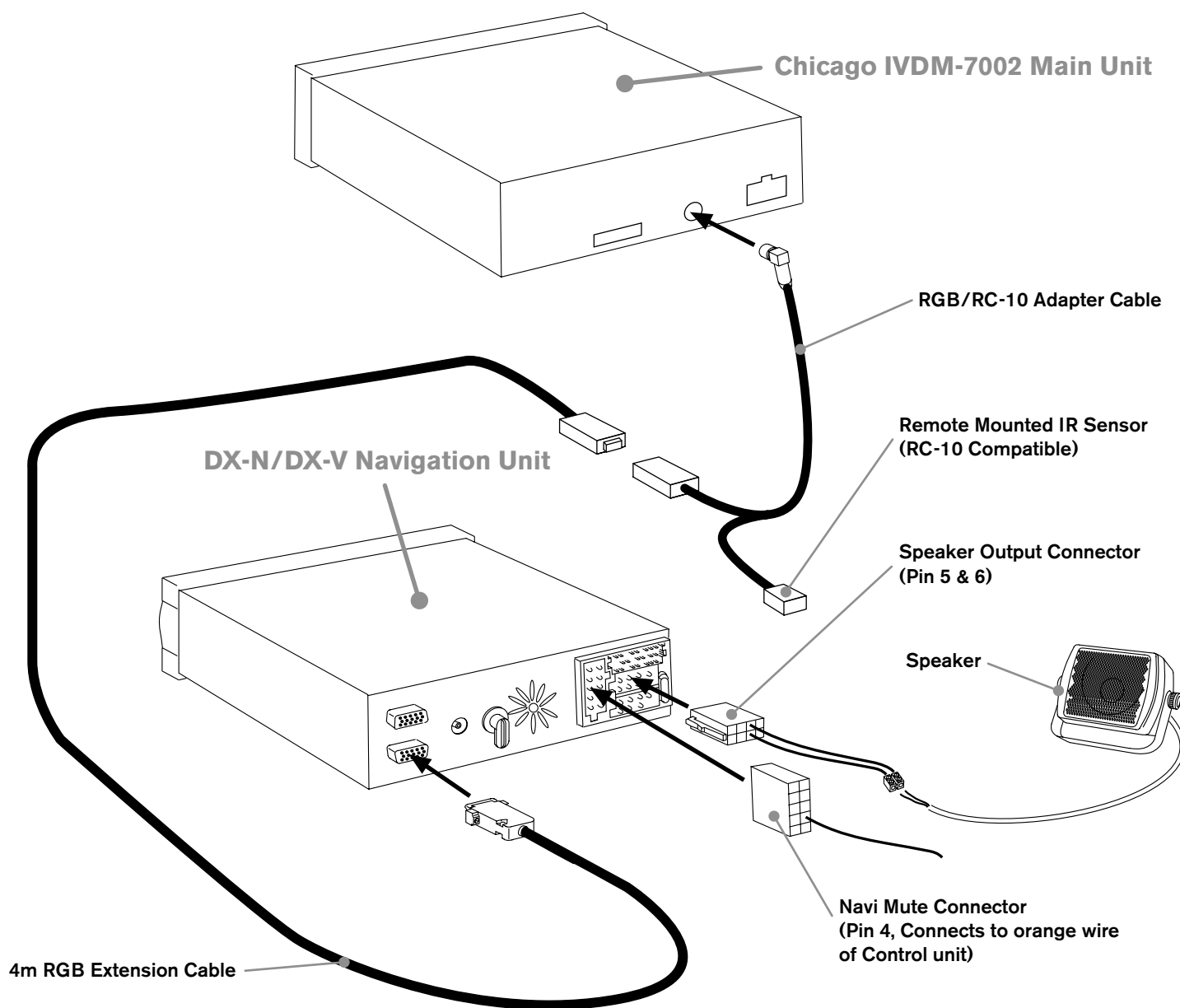
*Caution

- DO NOT connect any speaker wires to the metal body or chassis of the vehicle.
- DO NOT connect the speaker common (-) wires to each other.
- Connect each speaker wire directly to each speaker terminal.
- All speaker common (-) wires must remain floating. ie - no common connections or connection to vehicle ground.
- Connect each pair of speaker leads only to a single speaker (or speaker system) that has an impedance of at least 4 ohms, as well as a 50-watt power-handling capability.
- DO NOT connect speaker leads to any inputs on external amplifiers. This will cause damage to the internal amplifier of this unit.



Chicago IVDM-7002

Main Unit to DX-N/DX-V Navigation Connections



Navigation Audio Kit - (7 607 001 607)

Kit includes:

- RGB/RC-10 Adapter Cable (7 607 001 609)
- 4 meter RGB Extension Cable (7 607 001 602)
- Speaker Output Connector (8 604 492 515)
- Speaker (8 618 842 586)
- Navi Mute Connector (7 607 001 608)